

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: March 31, 2005

Inspector: Don Ukers

Location: 345kV XLPE Component

Storm/

Rain Event: Only a trace of precipitation was recorded since the previous inspection as reported by NOAA.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Access Roads and Adjacent Roadways	<ul style="list-style-type: none"> -The jack and bore of East Swamp Brook is accessed from the roadway. 2/16-3/31/06. - No obvious sediment tracking was present on the roadway. 3/31/06 - Trenching continues along the roadway in the Bethel Ed. Park complex. 3/2-3/31/06 - Catch basins adjacent to the work were placed with controls (filter fabric) as recommended. 3/31/06 - The larger stone pile was removed from the Plumtree Substation access drive. 3/15-3/31/06 -The stone and mat access off Rt. 58 is in good shape. Watch placement of materials such as trench boxes in the adjacent wetlands. 	<ul style="list-style-type: none"> - Equipment is located on both sides of the bore as well as in the adjacent ball park. 3/31/06. -Street sweeping is being performed regularly. Continue to monitor. 3/31/06 - Continue to monitor. 3/2-3/31/06 -Continue to place controls on CBs that could receive sediment from the project, even if they are not immediately adjacent. 3/31/06 - None at this time. 3/31/06 -Mats and stone will be removed at the end of work here. See other sections for more information. 3/31/06 - A few materials were 	<ul style="list-style-type: none"> - N/A -Street sweeping will be done regularly. - N/A - No unprotected CBs were noted during the inspection. -The stone stockpile was removed.

Areas of Inspection	Observation	Recommended Action	Corrective Action
	3/24-3/31/06	still noted in the wetlands.	
Trench and foundation construction	- Actual excavation for the jack and bore of East Swamp Brook located at the intersection of Plumtrees Rd. Walnut Hill Rd. and Whittlesey Dr. is ongoing. Sheet piling/shoring is in place on both sides of the intersection. 2/2-3/31/06	- The area remains well contained at this time. See dewatering section for more information. 3/31/06	-N/A
	- Trenching continues along Whittlesey Dr. near the entrance to the Bethel Ed. Park. 3/24-3/31/06	- None at this time. There are limited resource areas in the vicinity of the work. 3/31/06	-N/A
	- Trenching was occurring along Judd Ave. 3/31/06 - Trenching continues at Hoyts Hill transition station and some areas have been backfilled. 3/31/06	- None at this time. There are limited resource areas in the vicinity of the work. 3/31/06 -A number of repairs were made here. See erosion control and dewatering section for more detail and recommendations. 3/31/06	- N/A - N/A
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event) Plumtree Substation Drive	-The larger stone pile was removed from the access drive to Plumtree Substation as recommended. 3/31/06 - The dewatering box remains in the access drive but will be removed. Moving the box caused some minor disturbance to the wetland swale. 3/15-3/31/06 - Vault 2A&B: Several piles of stone were placed over the silt fence as a result of plowing. 3/2-3/31/06	- None at this time. 3/31/06 -The small disturbed area within the swale should be regraded and restored. 3/15-3/31/06 - Stone piles should be placed back on the work side of the fence as soon as feasible. One of the piles can remain as work is coming through that area. 3/15-3/31/06	- The stone pile was removed. - We just need to confirm whether this has occurred.

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Jack and Bore	-A plastic liner remains installed in the stream bed and up the banks. Stone was installed over it within the stream and soil was placed to secure it on the banks. 2/16-3/31/06	-Silt fence was still in place above the liner but continue to monitor the disturbed area below for sedimentation. The stream was running clear at the time. 3/31/06	- N/A at this time
Whittlesey Drive	-Stockpiles here are covered in plastic nightly as additional sediment control. 3/31/06	- None at this time. 3/31/06	-Stockpiles are covered nightly (proactive not corrective)
Hoyts Hill	-Catch basins near the work were protected. 3/31/06	-Continue to check CBs that are downgradient from work as well as those immediately adjacent. 3/31/06	-No unprotected CBs were noted during the inspection.
	-Mats are well in place and backfilling and trenching continues. Some materials were still noted in the wetlands adjacent to the mats. 3/24-3/31/06	- Watch placement of materials (ie extra mats/ trench boxes) and avoid storage in wetlands. 3/24-3/31/06	
	- Dewatering continues and good repairs were made to the controls here. Previously accumulated sediment from the transition station was removed. 3/31/06	-None at this time. The fence and filter bag were in good shape. Continue to monitor. 3/31/06	- The filter bag and silt fence were repaired and water was being effectively filtered before entering the wetland.
Inland Wetland and Watercourse encroachment and mitigation	-East Swamp Brook crosses under Plumtrees Rd. A large plastic liner is in place across the bed and up along the banks to keep water out of the bore trench. Stone was installed over the liner to create a temporary natural bed. 2/16-3/31/06	- The stream continues to run clear. Be sure to remove the liner and restore the natural bed when work is complete. Watch the banks where soil was disturbed for any erosion. 2/16-3/31/06	-N/A at this time
	- A minor area of wet swale was disturbed	- Contractors will be	

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Inland Wetland and Watercourse continued	<p>removing the dewatering box at the Plumtree access drive. 3/15-3/31/06</p> <p>- The controls for dewatering at Hoyts Hill have been well repaired and the water leading to the wetlands here is being filtered well. 3/31/06</p>	<p>providing some minor restoration here. 3/15-3/31/06</p> <p>- None at this time continue to monitor 3/31/06</p>	<p>- Controls were well repaired and in place and no further wetland impacts were noted. 3/31/06</p>
State species of concern, threatened and endangered species	-The D&M plan and clearance letter states that state-listed species are not located in this work area.	- N/A	-N/A
Vegetative clearing limits (including trees to save or danger trees noted)	-Most work on this project remains in the roadway, access drives or maintained lawn areas. 3/31/06	-Restore lawn and vegetation as necessary when work is complete during the growing season. This is needed especially where vaults were installed. 3/2-3/31/06	-N/A until work is complete.
Dewatering	<p>-Dewatering of clear water continues from the well points at the jack and bore to the frac tank. Water was being sent from the tank to the sewer connection at this time. 3/31/06</p> <p>- Dewatering at Hoyts Hill continues with controls well repaired and in place. 3/31/06</p>	<p>- The use of the frac tank is going well and water is being diverted as approved. 3/31/06</p> <p>-Continue to monitor but controls are effective at this time. 3/31/06</p>	<p>-N/A</p> <p>-Controls were repaired.</p>
Blasting	- No blasting is occurring at this work area.	- None at this time.	-N/A
Soils	<p>- Some soil is stockpiled along the active roadway shoulder trenching but will be returned as backfill. 3/15-3/31/06</p> <p>- Topsoil was stripped</p>	<p>- None at this time. 3/15-3/31/06</p> <p>- None at this time.</p>	<p>- N/A</p> <p>-N/A</p>

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	and stockpiled at the contractor yard. 3/15-3/31/06	Controls are well installed here. 3/15-3/31/06	
Spills and Material Storage Areas	<ul style="list-style-type: none"> - Equipment should be stored overnight up to 100ft or as far from resource areas where practicable. 1/19-3/31/06 - All equipment has been removed from the ball park by the April 1st date as required. 3/31/06 	<ul style="list-style-type: none"> - Report spills immediately, even if they are being controlled. - Any fuels and agents not in use should be covered and stored before leaving for the day. - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. 	<ul style="list-style-type: none"> - All equipment has been removed from the ball park by the set deadline.

Next likely scheduled inspection:

Thursday, April 6, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden for Don Ukers



345kV XLPE (Plumtree Access Drive): Photo on the left shows a view of the access drive where the stone pile has been removed as work is complete in the area. Photo on the right shows a view of the substation in the background with the dewatering box waiting to be removed. 3/31/06



345kV XLPE (Jack and Bore): Photo shows the receiving area which also remains contained at this time. 3/31/06



Photo on the left shows the jacking pit with a frac tank to hold water until it can be released to the municipal sewer system. Photo on the right shows the tank of well point water being emptied to the sewer system connection. 3/31/06



(Whittlesey Drive and Judd Avenue): Photo on the left shows trenchwork within Whittlesey Drive adjacent to the Bethel Ed. Park. Photo on the right shows trenchwork within Judd Avenue, working towards Route 302. 3/31/06



(Hoyts Hill): Photo shows an overview of the access and work at Hoyts Hill station area. Some backfilling is occurring as trenching continues towards Rt. 58. Watch placement of materials (such as trench boxes) off the mats and in the wetland. 3/31/06



Both photos show the improved controls adjacent to the filter bag for dewatering. Previously accumulated sediment was removed from the fence and wetlands and controls were reinforced/repared. Water is being more effectively filtered. 3/31/06